

1940

GS-4

SPECIALTY ORDERS

COVERING

SPECIALTIES TO BE APPLIED TO GS-4

CLASS LOCOMOTIVES AND 235-R-1

CLASS TENDERS

ON ORDER P-148

PLACED WITH

LIMA LOCOMOTIVE WORKS, INC.

1940

LIST OF
SPECIALTY ORDERS

FOR

GS-4 CLASS LOCOMOTIVES + 235-R-1 CLASS TENDERS ON
ORDER P-148 PLACED WITH LIMA LOCOMOTIVE WORKS, INC.

P-148-1	Air Brake and Signal Eqpt.	P-148-117	Headlight Turbo Generator
P-148-2	Axles, Tender	P-148-118	Headlight Wiring Fixtures
P-148-3	Bearings, Engine, Trailing and Tender Trucks + Driving	P-148-119	Tank Hose
P-148-5	Brake Shoes	P-148-121	Mechanical Lubricator (DV-7)
P-148-8	Couplers	P-148-121-A	" " (DV-4)
P-148-15	Hand Brake	P-148-122	Piston Rod & Valve Stem Packing
P-148-101	Back Pressure Gages	P-148-123	Power Reverse Gear
P-148-102	Bell Ringer	P-148-124	Safety Valves
P-148-103	Boiler Tubes and Flues	P-148-125	Journal Lubricators
P-148-103A	" " " "	P-148-126	Sanders (Viloco)
P-148-103-B	" " " "	P-148-126A	" (Graham-White)
P-148-103C	" " " "	P-148-127	Signal Foam Meter
P-148-104	Boiler Drop Plugs	P-148-128	Smokebox Front Hinges
P-148-105	Booster Engines	P-148-130	Telltale Flexible Staybolts
P-148-106	Radial Buffers		Steam Gages
P-148-107	Sleeve Joints	P-148-131	Steam Heat Gages
P-148-108	Main Crank Pins	P-148-132	Steam Heat Reducing Valves
P-148-109	Cylinder Cocks	P-148-133	
P-148-110	Dial Thermometers	P-148-134	Superheater and Throttle Equipment.
P-148-111	Engine Trucks		
P-148-112	Front Draw Castings	P-148-135	Tank Level Indicators
P-148-113	Axles, Driving, Engine and Trailing Truck	P-148-136	Tires, Driving and Trailing Trucks
P-148-114	Feedwater Equipment, Injector, Etc.	P-148-137	Water Gages
P-148-115	Feedwater Heater Equip- ment	P-148-138	Wheels, Engine Truck
		P-148-139	P-148-139T Wheels, Tender
		P-148-140	Wrenches
		P-148-140-A	Packing Hook & Iron
		P-148-141	Valve Pilot
		P-148-142	Tire Retaining Clips
		P-148-143	Tender Steam Heat Equipment
		P-148-145	Headlight Cases
		P-148-146	Air Whistles
		P-148-146-B	Steam Whistle Valves
		P-148-147	Journal Box Lids
		P-148-148	Steam Heat Stop Valves
		P-148-149	Oil Distributors Four Way

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Westinghouse Air Brake Co.
2101 Mission Building
San Francisco, California

Order No. P-348-1 Pg 1

AUGUST 8, 1960

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive and Tender Sets of Air Brake and Air Signal Equipment, in accordance with Specialty Specification SSL 191 modified as follows for application to 20 Locomotives, Class GS-4, and 20 tenders, Class 235-R-1.

Page

- 2 Omit 2 Westinghouse Air Brake Company's No. 507894
1" Three Way Cocks for Intercooler
- 2 Change 1 Westinghouse Air Brake Company's No. 510769
1" Air Filter to 1 Westinghouse Air Brake Company's No. No. 513550 1-1/4" Air Filter with drain cock and reinforced flanged fittings (M.R. line)
- 3 Change 1 Westinghouse Air Brake Company's No. No. 508479
1" x 1" x 1" Branch Pipe Tee to 1 Westinghouse Air Brake Company's No. No. 511546 1-1/4" x 1" x 1" Branch Pipe Tee with reinforced flanged fittings (M.R. to D.V.)
- 3 Change 1 Westinghouse Air Brake Company's No. No. 513616
1" cut-out cock to 1 1-1/4" cut-out cock, side vented with reinforced flanged fittings and governor union connections (M.R.)
- 6 Change 2 Westinghouse Air Brake Company's No. No. 513734
16" x 12" UAHs Brake Cylinders to 4 12" x 10" Type "U" Truck Mounted Brake Cylinders
- 6 Add 2 Westinghouse Air Brake Company's No. No. 511911 7/8" x 27" Armored Hose with 3/4" threaded end Union Nipples
- 7 Change 1 Westinghouse Air Brake Company's No. No. 508119 to 1 Westinghouse Air Brake Company's No. No. 512618 Electro-Pneumatic Master Controller.

CONTINUED

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENTLeasinghouse Air Brake Co.
1101 Matson Building
San Francisco, California

Order No. P-148-1 Pg 2

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.**PRICE:** To be \$3853.86 per Locomotive and Tender Set F.O.B. Delivered
Shipment from Wilmerding, Pa.**BID:** SPL 235-1 **TERMS:** Net Cash**TAXES:** Material covered by this order is to be used in the fabrication
in transit at Lima, Ohio, of equipment sold in Interstate Commerce,
therefore no State Sales or Use Taxes are applicable.**INSPECTION:** All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's
Plant.**DELIVERY:** Material on this order is required at Builder's Plant in accordance
with the following delivery schedule:

4 Tender Sets Nov. 1st - 4 Tender Sets per week thereafter

4 Loco. Sets Dec. 2nd - 4 Loco. Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to
be marked: "S.P.E. Co. Order No. P-148-1 Lima Locomotive Works Order No.
C.O. 1152".**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc.,
Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of
shipping notice to be sent to the undersigned at Room 952, 65 Market Street,
San Francisco, Calif. Shipping notices to show package marking, date of
shipment, point of origin, initials and car numbers, routing, and detail
of contents.**WEIGHT:** Estimated Shipping Weight per Locomotive and Tender Set 9800#.

(SGD) G.M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

**G. M. BETTERTON,
PURCHASING AGENT**

COPY

Standard Steel Works Divn.
Baldwin Locomotive Works
c/o Latham McMullin
Russ Bldg.
San Francisco, Calif.

Order No. P-148-2

August 9, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Tender Sets of Tender Axles for application to 20 Tenders, Class 235-R-1 in accordance with A.A.R. Spec. M-104 Latest Revision Class "A" and Drg. BL-16762-C.

Each Tender Set to consist of the following:

Six (6) Tender Truck Axles (7" x 14" journals)
Axles to be furnished rough turned only.

Microscopic Test to be made by you.

PRICE: To be \$588.52 per Tender Set F.O.B. Delivered
Shipment from Burnham, Pa.

BID: SPL 235-2 TERMS: 1/2% 10 Da.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Nov. 1st

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E. Co. Order No. P-148-2 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight
per Tender Set 9300#.

(SGD) G. M. BETTERTON
Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENTMagnus Metals Corporation
6135 So. Riverside Drive,
Los Angeles, California.

Order No. P-148-3 Pg 2

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.**DELIVERY:** Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

10 Locomotive Sets October 15th
10 Locomotive Sets November 1st
4 Tender Sets November 1st
4 Tender Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-3 Lima Locomotive Works Order No. C.O. 1152"**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.**WEIGHT:** Estimated Shipping Weight per Locomotive and Tender Set 3644#

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Magnus Metals Corporation,
6135 So. Riverside Drive,
Los Angeles, California.Order No. P-148-3 Pg 1
August 8, 1940Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car
which will contain this shipment.**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this
order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making
application for instructions about routing materials covered by this order.20 Locomotive and Tender Sets of Engine Truck, Driving and Trailing Truck
and Tender Truck Journal Bearings, for Locomotives, Class GS-4, Each
Locomotive set to consist of the following:Four (4) Engine Truck Journal Bearings (7 1/2" x 14") Pattern No.
LB 8557 per drwg. CL-18049 BSix (6) Driving Journal Bearings (12" x 14") Pattern No. LB 7840
per drwg. BL-16481 MTwo (2) Driving Journal Bearings (13" x 14") Pattern No. LB 7842
per drwg. BL-16481 MTwo (2) Trailing Truck Journal Bearings (Front 7" x 14") Pattern
No. LB 8556 per drwg. CL-18049 BTwo (2) Trailing Truck Journal Bearings (Rear 9" x 14") Pattern No.
LB 8562 per drwg. CL-18049 B

Each Tender set to consist of the following:

Twelve (12) Tender Truck Journal Bearings (7" x 14") Pattern No.
LB 10014 per drwg. BL-18051EDriving Journal Bearings to be furnished rough and finished by Loco-
motive Builder. Engine, trailing and tender truck journal bearings to
be of the Satec self-cooling oil tube type and to be furnished finish-
ed and ready for application.**PRICE:** To be \$672.52 per Locomotive and Tender Set F.O.B. Delivered.
Shipment from Chicago, Ill.**BID:** SPL 235-3**TERMS:** Net Cash**TAXES:** Material covered by this order is to be used in the fabrication in
transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore
no State Sales or Use Taxes are applicable.**INSPECTION:** All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's
Plant.

CONTINUED

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

American Brake Shoe & Foundry Co.
Russ Bldg.,
San Francisco, California.

Order No. P-148-5 Pg. 1

August 8, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car
which will contain this shipment.**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this
order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making
application for instructions about routing materials covered by this order.20 Locomotive and Tender Sets of Brake Shoes for Locomotives,
Class CS-4, and Tenders, Class 235-R-1. Each Locomotive and
Tender Set to consist of the following:

- 9 - Driver Brake Shoes, Patt. No. L.I.-10173, for 80" Dia.
drivers, in accordance with drawing B.L.-16711-C.
- 2 - Trailer Brake Shoes, Patt. No. L.I.-10173, for 45-1/2" Dia.
trailer wheel, in accordance with drawing B.L.-16710-C.
- 4 - Engine Truck Brake Shoes, Patt. No. L.I.-16222 for 36" Dia.
engine truck wheel in accordance with drawing B.L.-16813.
- 24 - Tender Brake Shoes, Pattern No. P.I.-2840, for 36" Dia.
tender wheel in accordance with drawing BI-21630-A.

PRICE: To be \$44.09 per Locomotive & Tender set F.O.B. Delivered.
Shipment from Toledo, Ohio**BID:** SPL 235-5**TERMS:** Net Cash**TAXES:** Material covered by this order is to be used in the fabrication in
transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore
no State Sales or Use Taxes are applicable.**INSPECTION:** All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's
Plant.**DELIVERY:** Material on this order is required at Builder's Plant in accordance
with the following delivery schedule:

- 4 Tender Sets November 1st
- 4 Tender Sets per week thereafter
- 4 Locomotive Sets December 2nd
- 4 Locomotive Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be
marked: "S.P.E. Co., Order No. P-148-5 Lima Locomotive Works Order No.C.O.1152"CONTINUED

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

American Brake Shoe & Foundry Co.,
Russ Building
San Francisco, California.

Order No. P-148-5 Pg. 2

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc.
Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of
shipping notice to be sent to the undersigned at Rm. 952, 65 Market Street,
San Francisco, Calif. Shipping notices to show package marking, date of
shipment, point of origin, initials and car numbers, routing, and detail
of contents.

WEIGHT: Estimated Shipping Weight Per Locomotive and Tender Set 1568#

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

National Malleable & Steel Castings, Co.,
c/o J. J. Byers,
Monadnock Building,
San Francisco, California.

Order No. P-148-8

August 8, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car
which will contain this shipment.**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this
order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making
application for instructions about routing materials covered by this order.20 Locomotive Sets of A.A.R. Type "E" Couplers, per A.A.R. Spec. M- 204- 39,
for application to 20 locomotives, Class GS-4 :-
Each locomotive requires one A.A.R. Type "E" Coupler, complete as per
drawing AL 16702 BPRICE: to be \$31.65 per Locomotive Set F.O.B. Delivered.
Shipment from Melrose Park, Ill.BID: SPL 235-8TERMS: Net CashTAXES: Material covered by this order is to be used in the fabrication in
transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore
no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's
Plant.Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr.
D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to
Equipment Company's Chief Inspector at Locomotive Builder's plant and one
copy to be attached to your invoice.DELIVERY: Material on this order is required at Builder's Plant in accordance
with the following delivery schedule:

4 Sets December 2nd

4 Sets Per Week Thereafter

MARKING: For identification purposes all shipments on this order are to be
marked: "S.P.E.C. Order No. P-148-8 Lima Locomotive Works Order No. C.O.1152".SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn.
Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice
to be sent to the undersigned at Room 952, 65 Market St., San Francisco, Calif.
Shipping notices to show package marking, date of shipment, point of origin,
initials and car numbers, routing, and detail of contents.WEIGHT: Estimated Shipping Weight per Locomotive Set 410#.

(SBD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C O P Y

G. M. BETTERTON,
PURCHASING AGENTW. H. Miner, Inc.
667 Rookery Bldg.,
Chicago, Ill.

Order No. P-148-15

August 8, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Tender Sets "Peer Ideal" type New Haven in accordance with Drawing S. P. E. 1-501 for a rail road car No. 200000 Class 235-P-1. Each Tender requires one (1) rail car complete. Pattern D-2024.

PRICE: To be \$12.75 per Tender Set F.O.B. Delivered

Shipment from Benton Harbor, Mich.

BID: SPL 235-15**TERMS:** Net Cash**TAXES:** Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.**DELIVERY:** Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets November 15th

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.C. Order No. P-148-15 Lima Locomotive Works Order No. C.O.1152".**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping

notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Tender Set 40#.(SCD) G. M. BETTERTON
Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

COPY

Locomotive Equipment Division,
Manning, Maxwell & Moore, Inc.,
Chrysler Building,
New York City, N. Y.

Order No. P-148-101

Aug 28 8, 1960

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Back Pressure Gages, 6-in '4" dial combined steam chest and back pressure gage, Type 1045, per attached drawing, CL-17963 C, graduated 0-500 lbs. Working steam pressure to be 400 lbs. per sq. in. Gauge to have Iron Case and Brass Ring.PRICE: To be \$25.00 per Locomotive Set F.O.B. Delivered.
Shipment from Birmingham, Ga.BID: SPL 235-101 TERMIS: Not Yet.TAXES: Material covered by this order is to be used in the fabrication to transit at Lima, Ohio, of equipment still in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets December 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.C. Order No. P-148-101 Lima Locomotive Works Order No.C.O.1152"SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn Mr. L.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market St., San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.WEIGHT: Estimated shipping weight per locomotive See 10#(S.G.O.) G.M. BETTERTON
Purchasing Agent

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C. O. P. Z

G. M. BETTERTON,
PURCHASING AGENTTransportation Devices Corporation,
Indianapolis, Indiana

Order No. P-148-102

August 8, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

30 Locomotive Sets Transportation Devices Corp. Internal Quick Acting Bell Ringers, in accordance with drawing (I. 18267, for application to 30 locomotives, Cl. 7 C. C. W.), each requiring one bell ringer.

PRICE: To be \$14.25 per locomotive Set F.O.B. Delivered.

Shipment from Indianapolis, Ind.

BID: SPL 235-102 TERMS: Net CashTAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

5 Sets December 2nd

5 Sets December 9th

5 Sets December 16th

5 Sets December 26th

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.C. Order No. P-148-102 Lima Locomotive Works Order No. C.O. 1152".SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc. Attn. Mr. T. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.WEIGHT: Estimated shipping weight per Locomotive Set 13#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. O. & T

G. M. BETTERTON,
PURCHASING AGENT4000 ft. 5" x 1/2" 3000 ft.
1000 ft. 5" x 1/2" 3000 ft.
Boiler Flues 3-1/2" x 1/2" 1000 ft.
Loco. Sets Hot Finished Seamed Steel

Order No. P-148-105

Aug. 9, 1940

Please supply the articles named below and send them to L. M. Locomotive Works, Inc.
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

4 Locomotive sets Hot Finished Seamed Steel Locomotive Boiler Tubes and Superheater Flues, for application to 20 locomotives, Class G.S.-4. Each Locomotive requires 49 tubes 2-1/4" outside Dia. No.10 B.W.G. 21" - 7-1/2" long and 198 Flues 3-1/2" outside Dia. No.10 B.W.G. 21" - 7-1/2" long, swaged at one end in accordance with Drawing C.I.-13792-J and A.A.R. Spec. M-108-19.

PRICE: To be \$1450.00 per Locomotive Set F.O.B. Delivered
Shipment from Altoona, Pa.

LID: SPL 285-105

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's plant.

Two copies of full Test Report to be sent to Mr. Geo. McCormick, Attn. W.C. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's plant on Nov. 15.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.C. Order No. P-148-105" and Locomotive Works Order No. G.S.-4.

SHIPPING NOTICES: Send in triplicate to L. M. Locomotive Works, Inc., Attn. Mr. J. C. Brennig, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping Notices to show package marking, date of shipment, point of arrival, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per locomotive set 27,046^{1/2}.

(SGO) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C. O. R. Y.

G. M. BETTERTON,
PURCHASING AGENTJones Lang & Company, Inc.,
General Agents, Philadelphia,
226 Fifth Street,
San Francisco, Calif. 94103.

Order No. 1152-A

August 9, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.

Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

4 Locomotive Sets Hot Finished Seamless Steel Locomotive Boiler Tubes and Superheated Flues, for application to 26 locomotives, Class G.S. "A". Each locomotive requires 49 tubes 2-1/4" outside Dia. No. 10 B.W.G. 21" 7-1/2" long and 196 Flues 3-1/2" outside Dia. No. 10 B.W.G. 21" = 7-1/2" long, swaged at one end in accordance with drawing C.L. 13191-7 and A.A.R. Spec. M-108-39.

PRICE: To be \$1450.00 per Locomotive Set F.O.B. Delivered.
Shipment from Pittsburgh, Pa.

BLD: SPL 235-103

TAXES: Material covered by this order is to be used in the fabrication and transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Also Mr. D. Wood, 65 Market St. of, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's Plant on Nov. 8.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.C. Order No. 1152-A Lima Locomotive Works Order No. 1152"

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc. Attn: Mr. L. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 27,048#.

(SCE) C. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Steel & Tubes, Inc.
Rialto Building,
San Francisco, Calif.Order No.
P-148-103-B

August 9, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

4 Locomotive Sets Hot Finished Seamless Steel Locomotive Boiler Tubes & Superheated Flues, for application in 20 locomotives, Class G.S.-4. Each locomotive requires 49 tubes 2-1/4" outside Dia. No. 10 B.W.C 21" - 7-1/2" long and 198 Flues 3-1/2" outside Dia. No. 10 B.W.G. 21" - 7-1/2" long, swaged at one end in accordance with drawing C.L. 13792-J, and A.A.R.Spec. M-108-39.

PRICE: To be \$1476.58 per Locomotive Set F.O.B. Delivered
Shipment from Cleveland, Ohio.

BID: SPL 235-103 TERMS: 2% 10 Da. on B.P.V. of \$1403.37 Set

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's Plant on Nov. 15th.

MARKING: For identification purposes all shipments on this order are to be marked "S.P.E.Co. Order No. P-148-103-B Locomotive Wks. Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notices to be sent to the undersigned at Room 952, 65 Market St., San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 27,048#.

GEO. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

S O P Y

National Manufacturing Co.,
c/o H. G. Cook
Robert B. Bolling
San Francisco, California.

Order No. 148-104

August 8, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car
which will contain this shipment.IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this
order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making
application for instructions about routing materials covered by this order.20 Locomotive Sets Boiler Drop Plugs as shown on Drg. AL 18639 for
application to 20 locomotives, Class G. S.-1 each requiring five Boiler
Drop Plugs.PRICE: To be \$4.50 per Locomotive Set F.O.B. Delivered.
Shipment from New York CityBID: SPL 235-104 TERMS: 2% - 10 da.TAXES: Material covered by this order is to be used in the fabrication in
transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore
no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's
Plant.DELIVERY: Material on this order is required at Builder's Plant Nov. 1st.MARKING: For identification purposes all shipments on this order are to be
marked: "S.P.E.C. Order No. F-1148-104 Lima Locomotive Works Order No.C.O. 1152"SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn.
Mr. I. C. Brantlinger, Purchasing Agent, Lima, Ohio. One copy of shipping
notices to be sent to the undersigned at Room 952, 65 Market Street, San
Francisco, Calif. Shipping notices to show package marking, date of shipment,
point of origin, initials and car numbers, routing, and detail of contents.WEIGHT: Estimated Shipping weight per Loco Set 1000

Sgd: G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

6 0 2 7

G. M. BETTERTON,
PURCHASING AGENTFranklin Railway Supply Co.,
60 East 42nd Street,
New York City, N. Y.

Order No. P-148-105

August 5, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Booster Engines and Type C-E-S equipment complete, to be operated at 50% cut-off by superheated steam at 300 lbs. per sq. in. pressure, to drive rear pair of wheels of four wheel trailing truck with 45-1/2" Dia. wheels. Fillet Fibrous packing to be applied to all pipe joints similar to drawings S.L. 17570 and S.L. 17671. Each locomotive, Class G.S.-4 requires one Booster.

PRICE: To be \$7,54.80 per Locomotive Set F.O.B. Delivered.

Shipment from Woodberry, Baltimore, Md.

BID: SPL 235-105 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets November 15th

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No.P-148-105 Lima Locomotive Works Order No.C.O.1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. F.C. Bruegger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per locomotive Set 8000#.

(SGB) G. M. BETTERTON
Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

OCT 2

YORKVILLE MFG. SUPPLY CO.
60 W. 42nd St.
New York, N.Y.

Order No. 1-146-101

OCT 6, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car
which will contain this shipment.IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this
order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making
application for instructions about routing materials covered by this order.

20 Locomotive and Tender Sets of Spring Type F-2 Radial Buffers complete,
in accordance with Drawing DL-LOC-2-3, modified to suit application to
20 locomotives Class G.S.-4 and 20 tenders, Class 235-R-1.
Each locomotive and tender set consists of one radial Buffer assembly.
Springs to be marked with manufacturer's trade-mark and date of manufacture.

PRICE: To be \$310.75 per Locomotive Set F.C.B. Delivered
Shipment from Woodberry, Baltimore, Md.

TERMS: SPL 235-106 TERMS: Net Cash
MATERIAL: Materials required by this order are to be used in the fabrication in
transit at Lima, Ohio, or equipment sold in Interstate Commerce, therefore
no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Buffer's
Plant.

DELIVERY: Material on this order is required at Buffer's Plant in accord-
ance with the following delivery schedule:

4 Sets Oct. 21st
4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be
marked: "S.P.E.C. Co. Order No. 1-146-101 Lima Locomotive Works Order No.
G.C. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn.
Mr. F. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping
notice to be sent to the undersigned at Room 952, 65 Market Street, San
Francisco, Calif. Shipping notices to show package marking, date of ship-
ment, point of origin, initials and car numbers, routing, all detail of
contents.

WEIGHT: Estimate a total weight for locomotive set of 1200.

(Sgd) G.M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

O. P. T.

Franklin Railway Supply Company
60 East 42nd Street
New York City, N. Y.Order No. 148-107
Albion, N. Y.

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive sets of Franklin Sleep Joint for application to 20 locomotives, Class G.S.-4, each set including:
 1 Set 5/4", Complete for Steam and Oil, D.L. 18044 C
 3 Sets 2", " Oil " " " D.L. 18043 C
 1 Set 1 1/2", " Steam " " " D.L. 18035 B

PRICE: To be \$153.21 per Locomotive Set F.O.B. Delivered
Shipment from Woodberry, Baltimore, Md.

BID: SPL 285-107 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Ins. Co. or at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule.

4 Sets December 2nd

4 Sets per week thereafter.

MARKING: For identification purposes all equipments on this order are to be marked: "S.P.E.C. Order No. P-148-107 LIMA Locomotive Works Order No. C.O. 108

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn: Mr. T.C. Breitling, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car number, routing, and detail of contents.

WEIGHT: Estimated Shipping Weight Per Locomotive Set 2750.

(SUD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C O P Y

G. M. BETTERTON,
PURCHASING AGENT

Standard Steel Works Div.
Baldwin Locomotive Works
c/o Letham Verullin
Russ Hwy.
San Francisco, California

Order No. P-148-108

August 9, 1940

Please supply the articles named below and send them to **Lima Locomotive Works, Inc.**
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Main Crank Pins per Specification C.S.-3 Latest Revision and marked print of Drg. Co-17367-A, for application to 20 locomotives, Class GS-4.

Each locomotive set to consist of two main crank pins.

Main crank pins are to be furnished rough turned only and with hollow bore rebored smooth after heat treatment.

Microscopic Test to be made by you.

PRICE: To be \$127.71 per Locomotive Set F.O.B. Delivered
Shipment from Burnham, Pa.

BID: SPL 235-108 TERMS: 1/2% 10 Da.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of all Test Report to be sent to Mr. G. S. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets for 1st

4 Sets per week thereafter.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E. Co. Order No. P-148-108 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING INSTRUCTIONS: Send in triplicate to L. A. Locomotive Works, Inc., Attn. T. F. T. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notices to be sent to the undersigned at Room 132, 45 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 1230#.

SGD.) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P

Southern Pacific Company,
c/c Mr. A. S. McKelligan
Southern Pacific Building,
San Francisco, Calif.

Order No. P-148-109

Aug. 16, 1940

Please supply the articles named below and send them to one set to Lima Locomotive Works at Lima, Ohio, and 19 sets to Lima Locomotive Works, c/o S.P. Equipment Company, El Paso, Texas.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

10 1/2" outside diam. of 1/2" diameter steel pipe, complete with
carrying handle, in Block 610, Item 1000000000, Class G. 100
requires 1/2" cylinder cocks

PRICE: To be 1 set at \$20.90 per Locomotive Set and 19 sets at \$19.87 per
Locomotive Set, F.O.B. Delivered.

Shipment from Sacramento, Calif.

BID: SPL 235-109 TERMS: Net Cash

TAKES: Material covered by this order is to be used in the fabrication in
transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore
no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's
Plant.

DELIVERY: 1 Set of material on this order is required at Builder's Plant
by Dec. 2nd, consolidate in shipment with Tire Clips
on order P-148-142. Balance required at El Paso
by December 15th.

MARKING: For identification purposes all shipments on this order are to be
marked: "S.P.E.Co. Order No. P-148-109 Lima Locomotive Works Order No.
G.O.1152"

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc. Attn.
Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping
notice to be sent to the undersigned at Room 952, 65 Market Street, San
Francisco, Calif. Shipping notices to show package marking, date of shipment,
point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated Shipping Weight Per Locomotive Set 70#.

(SGD) G. M. BETTERTON
Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

S O P Y

Locomotive Equipment Divn
Manufac., Pres. Will E. Moore
Chrysler Building
New York City, N. Y.

Order No. P-148-110

August 9, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.,
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of American Dial Thermometers Type 603RB as shown in Ashcroft American Bull's Eye No. 177, 4 $\frac{1}{2}$ " dial diameter; 0° to 300°F graduations (black dial with white markings and black duotone); 25 ft. long, 3 $\frac{1}{2}$ " wide connecting tube; bottom connection on case; cast iron case; 3/4" union connection bronze bulb type 642 with standard 6" length to connect into 1 $\frac{1}{2}$ " tee with bulb projecting into 1 $\frac{1}{2}$ " pipe line. Each locomotive, Class GS-4 requires one Dial Thermometer for purpose of measuring fuel oil consumption.

PRICE: To be \$31.60 per Locomotive Set F.O.B. Delivered
Shipment from Bridgeport, Conn.

BID: SPL 208-10 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Locomotive Builder's Plant in accordance with the following delivery schedule:

4 Sets December 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.C. Order No. P-148-110" and "Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn: Mr. T. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Rm. 952, 65 Market St., San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 10#.

(Sgd) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENTGeneral Inv. Savings Corp.
Quarantine Dept. 21.

Order No. P-140-121 Pg. 2

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

DELIVERY: Material on this order is required to be delivered in accordance with the following delivery schedule:

4 Sets November 1st

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: S.P.E.C. Co. Order No. P-140-121 via Locomotive Works Order No. C. 11227

SHIPPING POLICY: Send in triplicate to the Locomotive Works, Inc. Attn. G. M. Betterton, Purchasing Agent, San Fran., Cal. One copy of shipping notice to be sent to the undersigned at 65 Market Street, San Francisco, Calif. Shipping notices to show: charge, marking, date of shipment, point of origin, initials and car numbers, quantity and detail of contents.

WEIGHT: Estimated shipping weight per locomotive set 1500#

S.D.G. G.M. BETTERTON
Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P

General Steel Works Corp.
Chicago City, IllinoisOrder No. 118411-1
August 9, 1941Please supply the articles named below and send them to **L. S. Locomotive Works, Inc.,
Elgin, Illinois.**

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

30 Locomotive Sets, Four Wheel Engine Frame, complete with two wearing plates, per Eng. DL-18046, for application to 30 locomotives, Class GS-4.

Each locomotive set to consist of:

- 1 - Engine Truck Frame, Patt. No. LS-10736 per Eng. DL-18046, complete with 8 brake hanger pin bushings, 2 brake lever pin bushings and 2 rocker shaft wear plates.
- 1 - Engine Truck Bolster, Patt. No. S-10361 per Eng. DL-18045, complete with 2 top rocker bearing, 4 jacks and 4 link pins.
- 2 - Engine Truck Rockers, Patt. No. S-10362 per Eng. DL-18045.
- 8 - Engine Truck Pedestal Plates per Eng. AL-16008.
- 4 - Engine Truck Pedestal Liver Bolt per Eng. AL-16010.

Weights on engine truck to be approximately 83,000 lbs

NOTE: Elgin-Cell-O Bushings to be furnished and supplied instead of regular bushings or hardened steel bushings.

PRICE: To be \$360.00 per Locomotive Set F.O.B. Delivered

Shipment from Granite City, Ill. or Middletown, Pa.

RIO: SPL 205-111

TERMS: Net Cash

TAXES: Locomotives covered by this order will be sold in the fabrication or transit at Elgin, Ill., of equipment so far as taxes are concerned, wherefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order will be subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif. one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

CONTINUED

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C O P Y

G. M. BETTERTON,
PURCHASING AGENTNational Malleable & Steel Casting Co.
c/o J. J. Byers
Monadnock Bldg.
San Francisco, California

Order No. P-148-112

August 1, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Front Draw Castings in accordance with Drawing A.I.-17477D, for application to 50 locomotives Class G.S.-4. Each locomotive requires one front draw casting. (Nat'l. Malle. & Steel Cast. Co. Drg. 27473-B.)

PRICE: To be \$49.55 per Locomotive Set F.O.B. Delivered
Shipment from Sharon, Pa.BID: SPL 255-112 TERMS: Net CashTAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Dec. 2nd

4 Sets per week thereafter.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E. Co. Order No. P-148-112 Lima Locomotive Works Order No. C.O. 1152".SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.WEIGHT: Estimated Shipping Weight per Locomotive Set 503#.

(SGD.) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

G. M. BETTERTON

Stewart Wheel Works Divn.
Belleville Manufacturing Works
c/o D. W. M. Bellville
Russell Building
San Francisco, California.

Order No. P-148-113 Pg. 1

V. S. & S. S.

Please supply the articles named below and send them to

at Locomotive Works, 113.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Driving, Engine Truck and Trailing, Truck Axles per Spec. CS-2 Latest Revision and in accordance with the following drawings for application to 20 locomotives, Class CS-4.
Each locomotive Class G.S.-4 requires:

2 - Engine Truck Axles (7 $\frac{1}{2}$ " x 14" journals) per Dwg. AL-1175-1-2
3 - Driving Axles (12" x 14" journals) per Dwg. AL-1175-2
1 - Driving Axle (13" x 14" journals) per Dwg. AL-1175-1-3
1 - Trailing Truck Axle (7" x 14" journals, front) per Dwg. AL-1567
1 - Trailing Truck Axle (9" x 14" journals, back) per Dwg. AL-1368

Axes to be furnished rough turned only and with hollow bores in front axles and rear trailing axle rebor. smooth after heat treatment.

Microscopic Test to be made by you.

PRICE: To be \$946.42 per Locomotive Set F.O.B. Delivered.

Shipment from Burham, 113.

BID: SPI 235-113

TERMS: 1/2% 10 da.

TAXES: Material covered by this order is to be used in the fabrication and transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

CONFIRMED

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

Standard Steel Works Divn.-
Balco Inc Corp 17100
c/o L. A. M. Hol. 11111
Russ Building
San Francisco, California.

Order No. P-48-117-10

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

DELIVERY: Material on this order is to be sent to Builder's Plant in accordance with the following delivery schedule:

10 Sets November 24

10 Sets November 13-14

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-1 Lima Locomotive Works Order No. L.O. 1152".

SHIPPING NOTICE: Send in triplicate to Lima Locomotive Works, Inc. Attn. Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and details of contents.

WEIGHT: Estimated shipping weight per car about 8,000 lbs.

(SBD) G. M. BETTERTON
Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Nathan Manufacturing Co.
c/o H. G. Cook
Hobart Building
San Francisco, California

Order No. P-148-114 Pg 1

August 4, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Feed Water Equipment in accordance with Drawing BL-1953B and the following detail drawings and suitable for 300 lbs. working boiler pressure for Class C.S.-4, each locomotive requiring:

- 1 - Non-Lifting Injector, No. 17 Type HW, complete with automatic resurging overflow as per Drawing DL-14996-G and Nathan Drg. 4001, capable of supplying 10,000 gallons of water per hour to boiler carrying pressure of 300 lbs. per sq. in. Injector to be suitable for application on left or fireman's side of locomotive.
- 1 - Cab Stand and Injector Operating Rods, complete as per Drawing A.L.-18105-C.
- 1 - 3" Reversible Boiler Check with Stop Valve, Type FWR, complete with straight connection, as shown on Drawing CL-18120-A, except to have cushion type valve (for feedwater heater).
- 1 - 3" Reversible Boiler Check with Stop Valve, Type FWR, complete with straight connection, as shown on Drawing CL-18120-A, except without spring (for injector).
- 1 - 3" Injector Steam Valve Regrinding Type with outside bonnet and union ring similar to that shown on Drawing CL-18473, except that valve is to be of anodic type with $\frac{1}{2}$ " I.P. thread male inlet and bolted flange connection outlet with tailpiece for 3" O.D. copper tubing. Valve stem to be suitable for A.A.R. Universal Joint.
- 1 - 3" Balanced Lever Starting Valve, complete as per Nathan Drg. 4095, Inlet Bolted Flange Steam Connection Tailpiece suitable for 3" O.D. copper tubing, and outlet connection suitable for coupling with No. 17 HW non-lifting injector steam inlet.
- 1 - Feed Water Strainer, complete for 4" suction pipe complete as per Drawing DL-14268-C with 5' outlet bushing for injector.

PRICE: To be \$349.65 per Locomotive car F.O.B. Delivered
Shipment from New York, N.Y.

SHIP: SP-1 225-114 **TERMS:** 2/15 D.O.

CONTINUED

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENTFathan Manufacturing Co.
c/o H. G. Cook
Hobart Building
San Francisco, California

Order No.

P-148-114 PG 6

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Nov. 1st

4 Sets per week thereafter.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E. Co. Order No. P-148-114 Lima Locomotive Works Order No. C.O. 1152".SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brantlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.WEIGHT: Estimated Shipping weight per Locomotive Set 5600.(Sgd.) G. M. BETTERTON
Purchasing Agent

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

S P E C I A L

Locomotive Feed Water Heater
226 1/2" x 11 1/2" x 10 1/2",
Seri. "SA" type, 1000 lbs.

Order No. 1000

May 10, 1943.

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.20 Locomotive Sets Feed Water Heater "SA" type Type 5 $\frac{1}{2}$ -SA suitable for superheated Steam at 300 lbs. per square in. pressure, in accordance with the following drawings for application to 20 locomotives, Class 4-6-0 each locomotive requiring:-

- 1 - Feed Water Heater per Drawing P-1100
- 1 - Feed Water Heater Box after being per Drawing S-17286 with standard type "SA" feed piping & etc.
- 1 - Feed Water Heater Cold Water Pipe per Drawing P-17287-A
- 1 - Two point Mechanical Indicator for Hot Water Temp.

PRICE: To be \$1,000.00 per Locomotive "SA" 4-6-0, Delivered
Shipment from Harrison, N.J.BID: SP-235-115 TERMS: Net CashTAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order is subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.DELIVERY: Material on this order is received at Builder's Plant in accordance with the following delivery schedule:

4 Sets December 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked "S.P.L. Co. Order No. P-148-115 Lima Locomotive Works Order No. C.042122".SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn: Mr. T. C. Breuelling, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Rm. 952, 65 Market St., San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initial and car numbers, routing, and detail of contents.WEIGHT: Estimated shipping weight per 1 locomotive Set 3975#.(Sgd) G. M. BETTERTON
Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

The Fyle National Company
c/o H. G. Cook
Metropolitan Building
San Francisco, California

Order No. P-148-117

August 9, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.20 Locomotive Sets Headlight Assembly, Turbo-Generator Type M06
in accordance with the following specifications:-"Turbo-generator powered by a 1000 H.P. steam must be of
800 Watt maximum capacity capable of developing 30 Volts
under full load at steam pressure varying from 25 pounds
to 525 pounds; the governor to properly regulate speed of
turbine between this range of steam pressure, without the
necessity for change of nozzle or Governor, etc."Each locomotive set will require one Turbo-Generator, Type
M06.PRICE: To be \$150.00 per Locomotive Set F.O.B. Delivered
Shipment from Chicago, Ill.BID: SPL 235-117 TERMS: 1% 10 day.TAXES: Material covered by this order is to be used in the fabrication in
transit at Lima, Ohio, of equipment sold in Interstate Commerce, wherefore no
State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's
Plant.DELIVERY: Material on this order is required at Builder's Plant in accordance
with the following delivery schedule:4 Sets Dec. 2nd
4 sets per week thereafter.MARKING: For identification purposes all shipments on this order are to be
marked: "S.P.E. Co. Order No. P-148-117 Lima Locomotive Works Order No.
G.C. 1152".SHIPPING INSTRUCTIONS: Send in original to Lima Locomotive Works, Inc., attn.
Mr. J. C. Bentzinger, Purchasing Agent, Lima, Ohio. One copy of shipping
notice to be sent to the undersigned at Room 952, 65 Market Street, San
Francisco, Calif. Shipping notices to show purpose marking, date of shipment,
point of origin, initials and car numbers, route, and detail of contents.WEIGHT: No. 10000 Lbs. Shipping at 1000
per Locomotive Set 2100.(SIN) G. M. BETTERTON
Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

Mr. John D. ... Or, C. S. P.
10 C. S. P.
Lima, Ohio,
San Francisco, California.

Order No. 148-118

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive and Tender Sets Wiring Fixtures for application to 20 locomotives Class G.S.-4 and 20 Tenders, Class 246-1, in accordance with Drawing RL-18250A.

Each locomotive requires one set of wiring fixtures, Items 1 to 16 inclusive, as listed under heading "Locomotive Wiring Materials".

Each tender requires one tender set of wiring fixtures, Items 2 to 17 inclusive, (Item #1, Bumper Lamp not required) as listed under heading "Tender Electric Materials".

PRICE: To be \$329.11 per Locomotive and Tender F.O.B. Delivered Shipment from Chicago, Ill.

BTD: 8/1/35-118 TERM: 5% 10 day

TAXES: Material covered by this order is to be used in the fabrication and transit at Lima, Ohio, of equipment so, in Intermediate Commerce, therefore no State Sale or Use Taxes are applicable.

INSPECTION: All material covered by this order will be subject to inspection by Southern Pacific Equipment Company's Inspection Department at the Locomotive Building Plant.

DELIVERY: Material on this order is to be delivered to Lima, Ohio, in accordance with the following delivery schedule:

- 4 Tender Sets Now.
- 4 Tender Sets per week thereafter
- 4 Locomotive Sets per week
- 4 Locomotive Sets as soon thereafter

MARKING: For identification purposes all shipments on this order are to be marked: S. P. E. Co. Order No. P-148-118 Lima Locomotive Works Order No. S.C. 1713

M. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENTThe Pyle National Company
c/o H G Cook
Robart Building,
San Francisco, California.

Order No. 148-118 Pg. 2

August 9, 1940

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive and Tender Set 200#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Seattle City Water Company,
168 1/2 1/2 Street
San Francisco, California

Order No. P-148-119

August 14, 1944

Please supply the articles named below and send them to U. S. Locomotive Works, Inc.,
Cleveland, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Tank Hose for application to 20 locomotives Class G.S.-4. Each locomotive requires two 4-1/2" inside Dia. (6" long) hose complete with four clamps as per drawing A.L.-12192-R. Hose must be in accordance with A.A.R. Specification No. 600-3B.

PRICE: To be \$17.11 per locomotive set U.C.B. Delivered
Shipment from Philadelphia, Pa.

B.D.C. P-148-119 T.R.S. 2 1/2 10 days

TERMS: Material covered by this order is to be sent to the Locomotive Works, at Cleveland, Ohio, of equipment sold in this case. Current State Rates of Use Taxes are applicable.

INSPECTION: All material covered by this order is subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Building Plant.

DELIVERY: Material on this order is required at Philadelphia, Pa. to be delivered in accordance with the following delivery schedule:

4 Sets Dec. 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked "S.P.E.C. Order No. P-148-119 U.S. Locomotive Works Order No. C.0.119".

SHIPPING NOTICES: Send in triplicate to U.S. Locomotive Works, Inc., Attn: Mr. I. C. Brentlinger, Purchasing Agent, U.S.A., Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of content.

WEIGHT: Estimated shipping weight per locomotive set 48%.

(SPP) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

S O P I

National Manufacturing Company
c/o G. Cook,
Bobart Building
San Francisco, California.

Order No. P-148-121

August 8, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.**20 Locomotive Sets of Mechanical Lubricators for application to 20 locomotives Class GS-4**

Each locomotive set to consist of - one (1) 14-Feed Type DV-7 36 pint capacity Mechanical Lubricator per S. P. E. Co. Order No. P-148-121-A, to be applied on right side of locomotive for lubrication of Journals and Chassis.

All inlets and outlets for 3/8" O.D. copper tubing to have Part "D-214" Flared fitting with sleeve for 3/8" O.D. copper tubing instead of coupling nut #236 and Tailpiece #235.

Terminal Checks not to be included.

PRICE: To be \$292.00 per Locomotive Set F.O.B. Delivered.
Shipment from New York, N.Y.**BID:** SPL 235-121 **TERMS:** 2% 15 da**TAXES:** Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.**INSPECTION:** All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Building Plant.**DELIVERY:** Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Dec. 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-121 Lima Locomotive Works Order No. C. 121".**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc., Attn: Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market St., San Francisco, California. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.**WEIGHT:** Estimated shipping weight per locomotive Set 220#.

(SOP) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENTNORTHERN RAILROAD SUPPLY CO.,
C/O G. M. BETTERTON,
Robert E. Bunting,
San Francisco, Calif.Order No. 1 146 120-A D.P.
Amount \$ 15.00

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. J. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and details of consignee.

NOTICE: Estimated shipping weight per car not to exceed 2000#.

(1932) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

G. O. P.

National Manufacturing Co.,
c/o Z. H. Co.,
Hobart Building,
San Francisco, Calif.

Order No. P-148-121

AUGUST 1, 1910

Please supply the articles named below and send them to Lima Locomotive Works, Toledo,
Ohio, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.**20** Locomotive sets of mechanical lubricators for application to 20 locomotives Class GS-4.

Each locomotive set to consist of -

One (1) 2-1/2d Type DV-4, 20 pint capacity mechanical lubricator per
Loco. P-148-121

Four (4) sets "DA" Terminal Checks per Loco. P-148-121

DV-4 lubricator to be applied on right side of locomotive for lubrication of
main cylinders, steam chest, and top of main crosshead guides.All inlets and outlets for 3/8" O.D. copper tubing to have Taper P.D.-33
flared tubing, with sleeve for 3/8" O.D. copper tubing instead of
coupling nut, 156 and Tailpiece P-28.**PRICE:** To be \$850.00 per Locomotive Set delivered.

Shipment from New York, N.Y.

BID: S.O.L. 215 121 **TERMS:** 2% 15 days**TAXES:** Materials covered by this order are to be used in the fabrication in
transit at Lima, Ohio, or equipment sold in Interstate Commerce, therefore
no State Sales or Use Taxes are applicable.**INSPECTION:** All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's
Plant.**DELIVERY:** Material on this order is required at Builder's Plant in
accordance with the following delivery schedule:

4 Sets December 21

4 Sets per week thereafter.

MARKING: For identification purposes all shipments on this order are to be
marked: "S.P.E.C. Order No. P-148-121" Lima Locomotive Works Order No.
C.O. 1153."CONTINUED

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Paxton-Mitchell Company
Omaha, Nebraska

Order No P-148-122

Please supply the articles named below and send them to Lima Locomotive Works, Inc.
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Piston Rod and Valve Stem Packing for application to 20 locomotives, Class C.S.-4, each locomotive requiring:

2 Sets 5-1/4" Piston Rod Packing as per Drg. C.L.-15824-C

2 Sets 2" Valve Stem Packing as per Drg. C.L.-1698-L

PRICE: To be \$46.50 per Locomotive Set F.O.B. Delivered.

Shipment from Omaha, Nebraska

BID: SPL 235-122 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets December 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.C. Order No. P-148-122 Lima Locomotive Works Order No. C.O.1152".

SHIPPING NOTICES: Send as triplicate to Lima Locomotive Works, Inc., Attn. Mr. J. S. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 200#.

(SND) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

O C P Y

American Locomotive Company,
c/o Stephen G. Harwood
Rialto Building
San Francisco, California.

Order No. P-140-123

August 12, 1940

Please supply the articles named below and send them to Lima Locomotive Works, . . .
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Power Reverse Gear, Type "G" complete except for Alemite Lubricator in accordance with Drawing C-10373, for Delivery to 20 locomotives, Class G.S.-4.

Each Locomotive requires 1 set of Type "G" Power Reverse Gear with special Reverse Lever.

PRICE: To be \$242.84 per Locomotive Set F.O.B. Delivered
Shipment from Richmond, Va.

BID: SFL 235-123 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication and transit at Lima, Ohio, of equipment sold in Interstate Commerce therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Building Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets December 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-140-123 Lima Locomotive Works or No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated Shipping weight per Locomotive Set 752#.

(SOD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Ashton Valve Company,
c/o Edw. Kenyon
606 Howard Street,
San Francisco, Calif.

Order No. P-148-124

August 9, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets Safety Valves for application to 20 locomotives,
Class G.S.-4.

Each locomotive requires:

1 - 2" Safety Valve Type BC-12, per Drawing AL-10251-B (set at 310 lbs.)

1 - 3-1/2" Safety Valve, per Drawing CL-16522, Muffler Style FC-10
(set at 300 lbs.)1 - 3-1/2" Safety Valve, Open Pop Style FC (set at 302 lbs) per Drawing
CL-16522PRICE: To be \$144.03 per Locomotive Set F.O.B. Delivered
Shipment from Cambridge, Boston, Mass.BID: SPL 235-124 TERMS: Net CashTAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets December 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.C. Order No. P-148-124 Lima Locomotive Works Order No. C.O. 1152".SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Rm. 952, 65 Market St., San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.WEIGHT: Estimated shipping weight per Locomotive Set 160#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENTMagnus Metal Corporation
721 Railway Exchange
Chicago, Ill.

Order No. P-148-125 Pg. 2

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-125 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc.
Attn. Mr. T. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of
shipping notice to be sent to the undersigned at Room 952, 65 Market Street,
San Francisco, Calif. Shipping notices to show package marking, date of
shipment, point of origin, initials and car numbers, routing, and detail
of contents.

WEIGHT: Estimated shipping weight per Locomotive and Tender Set 275#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Magnus Metal Corporation
721 Railway Exchange
Chicago, Ill.

Order No. P-148-125 Pg. 1

August 9th, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, OhioShip by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car
which will contain this shipment.IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this
order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making
application for instructions about routing materials covered by this order.20 Locomotive and Tender Sets of S.P. Spring Pad Journal Lubricators, as
shown on Drg. DL-18217-C, except to be made of 50-50 Carpet Material,
for application to 20 locomotives, Class GS-4 and Tenders, Class 235-R-1:

Each locomotive set to consist of the following:

4 - No. 22 lubricators for 7 $\frac{1}{2}$ " x 14" Engine Truck Journals
 6 - No. 45 Lubricators for 12" x 14" Driving Journals
 2 - No. 46 Lubricators for 13" x 14" Driving Journals (main)
 2 - No. 18 Lubricators for 7" x 14" Trailing Truck Journals (front)
 2 - No. 28 Lubricators for 9" x 14" Trailing Truck Journals (back)

Each Tender Set to consist of the following:

12 - No. 7 Lubricators for 7" x 14" Tender Journals.

PRICE: To be \$160.82 per Locomotive & Tender Set F.O.B. Delivered.
Shipment from Chicago, Ill.BID: SPL 235-125TAXES: Material covered by this order is to be used in the fabrication in
transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore
no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's
Plant.DELIVERY: Material on this order is required at Builder's Plant in
accordance with the following delivery schedule:

4 Sets November 1st
 4 Sets per week thereafter

CONTINUED

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENTViloco Railway Equipment Co., Inc.,
611 McCormick Building,
332 So. Michigan Ave.,
Chicago, Ill.

Order No. P-148-126

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets Sanders to equip 20 locomotives Class G.S.-4 each requiring.

1 - No. 255 (latest type) Viloco Duplex Engineer's valve per Drg. BL-16940. Valve to be modified to provide for Sanding in front of all four pair of drivers in forward position (no backup sanders to be used and no Booster sanding position to be provided on this valve)

8 - Viloco single unit Reversible Senders latest type FLA-317-A 4 right hand and 4 left hand per Drg. CL-16941-B.

PRICE: To be \$72.50 per Locomotive Set F.O.B. Delivered
Shipment from Benton Harbor MichiganBID: SPL 235-126 TERMS: 1% 10 da.TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Co.'s Inspector at the Locomotive Builder's Plant.DELIVERY: Material on this order is required at Builder's plant in accordance with the following delivery schedule:

4 Sets Dec. 2nd - 4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked "S.P.E.C. Order No. P-148-126 Lima Locomotive Works Order No. C.0.1152".SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.WEIGHT: Estimated shipping weight per Locomotive Set 150#.

(Sgd) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Graham White Locomotive Corp.,
Rock Island,
Vicksburg.

Order No. 1116325-A

August 9, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets Graham-White Booster Sanders. Each set to consist of
2 Type "D...," Sand Traps complete with fittings.1 Type "W" Automatic Control Valve for sanding Booster equipped
Trailer Trucks.PRICE: To be \$25.00 per Locomotive Set F.O.B. Delivered.
Shipment from Roanoke, Va.

D.D.U.: SPL 235-126 TERM: Net cash

TYPE: Material covered by this order is to be used in the manufacture & transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

* 2 cars December 2nd
* 2 cars per week thereafterMARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.C. Order No. 1116325 - Lima Locomotive Works Order
No. C.C. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and details of contents.

FREIGHT: Actual cost shipping material plus a surcharge of 50%

SOUTHERN PACIFIC EQUIPMENT COMPANY

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C O P Y

G. M. BETTERTON,
PURCHASING AGENTElectro-Chemical Engineering Corp.
c/o H. G. Cook
Hobart Building
San Francisco, Calif.

Order No. 1182

August 14, 1942

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets Signal Foam-Meter, Model P.O.S. 1 in a dimension of 1 Drawing DL-18205-A, for application to 20 locomotives, Class G.C., each requiring one Signal Foam-meter.

PRICE: To be \$201.00 per Locomotive Set F.O.B. Delivered
Shipment from Chicago, Ill.BID: SP-1835-127 Lima, 1% 10 da.TAKE: Material covered by this order is to be used in the manufacture and
transit at Lima, Ohio, of equipment sold in accordance with the order. There is
no State Sales or Use Taxes, as applicable.INSPECTION: All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Works
Plant.DELIVERY: Material on this order is required at Builder's Plant in
accordance with the following delivery schedule:

4 Sets December 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be
marked: "S.P.E.Co. Order No. P-148-127 Lima Locomotive Works or ex
C.O. 1182".SHIPPING NOTICES: Send an original to the Locomotive Works and a copy to
Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping
notice to be sent to the undersigned at Room 952, 65 Market Street, San
Francisco, Calif. Shipping notices to show package number, date of shipment,
point of origin, initials and car numbers, routing, and full list of
contents.WEIGHT: Estimated shipping weight per Locomotive Set 12 ft.

G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C O P Y

G. M. BETTERTON,
PURCHASING AGENTThe Okadée Company
332 So. Michigan Ave
Chicago, Ill.

Order No.P-148-128

August 12, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, OhioShip by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car
which will contain this shipment.IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this
order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making
application for instructions about routing materials covered by this order.20 Locomotive Sets Smoke Box Front Hinges complete as per drawing S.P.E. No. 1152-A
for application to 20 locomotives, Class G.S.-4.

Each locomotive requires:

1 - Upper Butt and Base per Drg. CL-16162-A
 1 - Lower Butt and Base per Drg. CL-16162-A
 1 - Upper Front Strap per Drg. CL-17749
 1 - Lower Front Strap per Drg. CL-17749
 2 - Hinge Pins 1-1/2" Dia. x 8-1/2" long under head, Drg. AL-1 341-C
 2 - Eye Bolts 9-1/4" long, threaded 7" as per Drg. AL-1 341-C
 Cored holes in castings must be sufficiently small to permit finishing
to sizes shown on drawings.

PRICE: To be \$69.60 per Locomotive Set F.O.B. Delivered
Shipment from Benton Harbor, Mich

BID: SPL 235-128 TERMS: 1% 10 Da.TAXES: Material covered by this order is to be used in the fabrication and
transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore
no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by Southern
Pacific Equipment Co's Inspector at the Locomotive Builder's Plant.DELIVERY: Material on this order is required at Builder's Plant in accordance
with the following delivery schedule:

4 Sets Nov. 1st - 4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be
marked: "S.P.E.C. Order No.P-148-128 Lima Locomotive Works Order No.C.O.1152"SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr.
J.C. Brentlinger, Purchasing Agt., Lima, Ohio. One copy of shipping notice to
be sent to the undersigned at Rm. 952, 65 Market St., San Francisco, Calif.Shipping notices to show package marking, date of shipment, point of origin,
initials and car numbers, routing, and detail of contents.WEIGHT: Estimated shipping weight per Locomotive Set 200#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENTFlannery Bolt Company,
c/o J P Armstrong,
Russ Building
San Francisco, Calif.

Order No. 9-1152-1

August 13, 1947

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-130 Lima Locomotive on a Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Ohio, to Mr. I. C. Brontlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market St., San Francisco, Calif. Shipping notices to show package number, car of equipment, point of origin, initials and car numbers, route, and a list of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 70,500 lbs.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Flannery Bolt Company,
c/o J. F. Armstrong,
Russ Building,
San Francisco, California.

Order No. P-141-130 Pg. 1

August 18, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets F.B.C. Telltale Flexible Staybolts complete with Bolts and Sleeves for application to 20 locomotives, Class G.S.-3. Each locomotive requires one complete set of Staybolts (3 per locomotive) CL-16733-F (based on column headed "GS-3")

10 Sets to be made of Ulster Staybolt Iron
10 Sets to be made of Lewis Staybolt Iron

PRICE: To be \$1709.64 per Locomotive Set F.B.C. Delivered
Shipment from Bridgeville, Pa.

BID: SPL 235-130 TERMS: 1/2% 10 da

TAXES: Material covered by this order is to be used in the fabrication and transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order is subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Manufacturing Plant.

Two copies of Mill Test Report to be sent to Mr. G. M. Betterton, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Manufacturing Plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's plant in accordance with the following delivery schedule:

4 Sets made of Ulster Iron	Nov. 1st
4 Sets -do-	Nov. 8th
2 Sets -do-	Nov. 15th
2 Sets Made of Lewis Iron	Nov. 15th
4 Sets -do-	Nov. 22nd
4 Sets -do-	Nov. 29th

CONTINUED

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Ashton Valve Company,
c/o Edw. Kenyon,
606 Howard Street
San Francisco, Calif.

Order No. 14-21

Lima

Please supply the articles named below and send them to Lima Locomotive Works
1245, 1250,

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Steam Gages in accordance with Drawing A.L.-13560-
for application to 20 locomotives Class G-6-4-4, each requiring two
Ashton #52 LBC 6-3/4" Iron Case Steam Gages with dial graduated to 500
500 lbs. pressure.

PRICE: To be \$24.33 per Locomotive Set F.O.B. delivered
Shipment from Cambridge, Boston, Mass.

BID: SPL 235-131TERMS: Net Cash

TAXES: Material covered by this order is to be used in the car and in transit at Lima, Ohio, of equipment sold in the State of Ohio only, no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the locomotive plant.

DELIVERY: Material on this order is required at Miller's Plant in accordance with the following delivery schedule:

4 Sets Dec. 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked "S.P.E.Co. Order No. 14-21 Lima Locomotive Works 1245, 1250, C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Ohio, Attn. Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 28#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

S O F T

G. M. BETTERTON,
PURCHASING AGENTAshton Valve Company
c/o Edw. Kenyon,
606 Howard Street,
San Francisco, Calif.

Order No. P-148-132

August 12, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car
which will contain this shipment.IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this
order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making
application for instructions about routing materials covered by this order.20 Locomotive Sets of 4-1/2" dial Steam Heats in accordance with
Drawing A.L.-16581-3 for application to 20 locomotives, Clark Co., 4-4-2,
each requiring one Ashton #51-3 Iron Case Steam Heat GaugePRICE: To be \$5.81 per Locomotive Set F.O.B. Delivered.
Shipment from Cambridge, Boston, MassBID: SPL 235-132 TERMS: Net CashTAXES: Material covered by this order is to be used in the car or for rail
transit at Lima, Ohio, of equipment sold in Interstate Commerce. Therefore
no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Building
Plant.DELIVERY: Material on this order is required at Builder's plant in
accordance with the following delivery schedule:

4 Sets December 2nd

4 Sets per week thereafter

NOTE: Consolidate shipments with Steam Gauges on order P-148-131MARKING: For identification purposes all shipments on this order are to be
marked: "S.P.E.C. Order No. P-148-132 Lima Locomotive Works Order No. 1000"SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works Inc., Attn.
Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping
notice to be sent to the undersigned at Room 952, 65 Market Street, San
Francisco, Calif. Shipping notices to show package marking, date of ship.,
point of origin, initials and car numbers, routing, and detail of contents.WEIGHT: Estimated shipping weight per Locomotive Set 4#.

(S&P) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Vapor Car Heating Company, Inc.,
c/o H. D. Donnell,
Hobart Building,
San Francisco, California.

Order No. P-148-133

August 15, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car
which will contain this shipment.IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this
order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making
application for instructions about routing materials covered by this order.20 Locomotive Sets #239 Steam Heat Reducing Valves, in accordance with
Drawing DL-16922-A, for application to 20 Locomotives, Class G.S.-4.
Each locomotive requires one Steam Heat Reducing Valve.PRICE: To be \$90.30 per Locomotive Set F.O.B. Delivered.
Shipment from Chicago, Ill.BID: SPL 235-133 TERMS: 1% 10 daysTAXES: Material covered by this order is to be used in the fabrication in
transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore
no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's
Plant.DELIVERY: Material on this order is required at Builder's Plant in
accordance with the following delivery schedule:4 Sets December 2nd
4 Sets per week thereafterMARKING: For identification purposes all shipments on this order are to be
marked: "S.P.E.C. Order No. P-148-133 Lima Locomotive Works Order No.
C.O. 1152".SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc. Attn.
Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping
notices to be sent to the undersigned at Room 952, 65 Market Street, San
Francisco, Calif. Shipping notices to show package marking, date of ship-
ment, point of origin, initials and car numbers, routing, and detail of
contents.WEIGHT: Estimated Shipping Weight Per Locomotive Set 60#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENTThe Superheater Co., Inc.
People's Gas Co., Inc.
Chicago, Ill.

Order No. P-148-134

Order 134, 1942

Please supply the articles named below and send them to Lima Locomotive Works, Inc., Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions on this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive sets Type "E" Superheater Equipment and Multiple Throttle Equipment including Tangential Steam Dryer and Superheated Steam Pyrometer complete, in accordance with Specialty Specification SSL-195, each locomotive, Class G.S.-4 requiring:

- 1 - Complete Set Superheater Equipment
- 1 - Complete Set Multiple Throttle
- 1 - Model 496 Superheated Steam Pyrometer
- 1 - Tangential Steam Dryer

PRICE: To be \$7474.36 per Locomotive Set F.O.B. Delivered
Shipment from Waterbury, Conn. of Pyrometer
Balance from Chicago, Ill.

BID: SPL 235-134TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

- 4 Sets of Pyrometers Dec. 2nd and 4 Sets per week thereafter
- 4 Complete sets of other material Nov. 1st and 4 sets per week thereafter.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.C. Order No. P-148-134 Lima Locomotive Works Order No.C.O.1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Wks., Inc., Attn. Mr. I. C. Brentlinger, Pur. Agt., Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Rm. 952, 65 Market St., San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 15850#.

(SGD) G.M.BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Locomotive Equipment Division,
Manning, Maxwell & Moore, Inc.,
Chrysler Building,
New York City, N. Y.

Order No. P-148-135

August 18, 1940

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets Tank Level Indicators in accordance with Ashcroft America's Bulletin 175B, each locomotive Class G.3.-4 requires one Tank Level Indicator Type 1189T complete with air pressure reducing and relief valve (Type 2695) and air strainer (Type 2098).

PRICE: To be \$41.95 per Locomotive Set F.O.B. Delivered.
Shipment from Bridgeport, Conn.

BID: SPL 235-135 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Nov. 1st

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.L.Co.Order No. P-148-135 Lima Locomotive Works Order NO.C.O.1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. J. C. Breitlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 7#.

(SOD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C. BETTERTON,
PURCHASING AGENT

$$F_{\mathcal{A}}(\mathcal{A})$$

1990-01-01 00:00:00 00:00:00

1. *U. S. Fish Commission, 1881*, p. 100.

Order No.

Please supply the articles named below and send them to

1. *Leucosia* *leucosia* (L.) *leucosia* (L.) *leucosia* (L.)

L. 193. (2) 32

Ship by **FAST FREIGHT PREPAID**. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Four Wheel Delta Type Trailing TR 11 FRAMES, 1000
with Centering Device for application to 20 Locomotives, Order 648.

Each locomotive requires

- **Truck Frame** complete in accordance with Fig. 1-1077B, modified to provide for use of C-10 Spindle at front and C-10 rear, **Truck Centering Devices** as shown in accordance with Fig. 1-1078-B, including rocker plate as per Fig. C1-1074-B, rockers per Fig. C1-10773-C and truck bearing per Fig. C1-10773-D. **Ex-Cell-O** bushings to be furnished in 1/2" equalizer tube and **Brick** flag pin holes instead of regular C1-1073 case threads, special bushings.
- **Left or Right** truck to be a complete job of it.

PRICES. - \$10.00 per volume, del. F. O. B. Milwaukee.

Shipment from Granada, 1960, to Barbados, 1961

BB-61-137 Tele 46-633

These practices are covered by this order in the following areas: (1) Transfer of
transit at land, ship, or equipment point of transhipment; (2) Transfer of
no Stat. Seize or Use Taxes are applicable.

INSPECTION. All railroad covered by this order are subject to law, order and
sooner Pacific Liquefied Company's Law, order to the Board of Railroads
Plan.

Two copies of Mill Test Report
Actn 1171 & Wm 65 Market Street to
sent to Burke's Company's Office and
one copy to be attached to your file.

وَالْمُؤْمِنُونَ

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENTGeneral Steel Castings Corp.,
Granite City, Ill

Order No. P-148-137- Pg. 2

August 13, 1940

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Nov. 15th

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.C." Order No. P-148-137 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 9600#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

C O P Y

**G. M. BETTERTON,
PURCHASING AGENT**

Standard Steel Works Division
Baldwin Locomotive Works
%Latham McMullin
Russ Building
San Francisco, Calif.

Order No. P-148-136 Pg. 1

August 13, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets Heat Treated Driving and Trailing Tires in accordance with Drg. AL-13294-7, for application to 20 locomotives, Class G.S.-4. Each locomotive requires:

8 - Tires 3 $\frac{1}{2}$ " thick for 73" Dia. Driving Wheel Centers.
4 - Tires 3-3/4" thick for 38" Dia. Twisting Wheel Centers.

Tires to be furnished rough turned only and are to be in accordance with AAR Spec. M-106-34; driving tires to be Class "A" and trailing wheel tires to be Class "C".

PRICE: To be \$1092.89 per Locomotive Set F.O.B. Delivered
Shipment from Burnham, Pa.

BID: SPL 235-136 TERMS: 1/2%, 10 da.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Nov. 1st
4 Sets per week thereafter

CONTINUED

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

Standard Steel Works Division
 Baldwin Locomotive Works
 % Latham McMullan
 Russ Building
 San Francisco, Calif.

Order No. P-140-136 Pg 2

August 13, 1940

Please supply the articles named below and send them to

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.C. Order No. P-140-136 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. J. C. Breitlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 15,400#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Nathan Manufacturing Co.
c/o H. G. Cook
Hobart Bldg.
San Francisco, California

Order No. P-148-138

August 13, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Water Gages without stems for 300 lbs.
boiler pressure. Type "BXA" No. 5, in accordance with
Drawing BL-1721B-B, for application to 20 locomotives
Class G.F.-4. Each locomotive requires two Water Gages.PRICE: To be \$23.00 per Locomotive Set F.O.B. Delivered
Shipment from New York, N.Y.BID: SPL 235-138 TERMS: 2% 15 Da.TAXES: Material covered by this order is to be used in the fabrication in
transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore
no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's
Plant.DELIVERY: Material on this order is required at Builder's Plant in accordance
with the following delivery schedule:

4 sets Dec. 2nd

4 sets per week thereafter.

MARKING: For identification purposes all shipments on this order are to be
marked: "S.P.E.C. Order No. P-148-138 Lima Locomotive Works Order No.
C.O. 1152".SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn.
Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping
notice to be sent to the undersigned at Room 952, 65 Market Street, San
Francisco, Calif. Shipping notices to show package marking, date of ship-
ment, point of origin, initials and car numbers, routing, and detail of
contents.WEIGHT: Estimated shipping weight per Locomotive Set 34#.(SGD) G. M. BETTERTON
Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Standard Steel Works Divn.
 Baldwin Locomotive Works
 c/o Latham McFullin
 Russ Bldg.
 San Francisco, Calif.

Order No. P-148-139

August 13, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.
 Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Quenched and Tempered Engine Truck Wheels 36" Diam. in accordance with A.A.R. Tentative Specification for Heat Treated multiple wear wrought carbon steel wheels, Class "C", Circular DV-969, and Drg. AL-17360-8, for application to 20 locomotives, Class C.S.-4. Each locomotive requires 4 Engine Truck Wheels.

Wheels to be furnished rough bored only.

PRICE: To be \$229.20 per Locomotive Set F.O.B. Delivered
 Shipment from Burnham, Pa.

BID: SPL 235-139 TERMS: 1/2% 10 Da.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, or equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Geo. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at builder's Plant in accordance with the following delivery schedule:

4 sets Nov. 1st

4 sets per week thereafter.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.C. Order No. P-148-139 Lima Locomotive Works Order No. C.C. 1153".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I.C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 4000#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Standard Steel Works Divn.
Baldwin Locomotive Works
c/o Southern Pacific
Russ Ridge.
San Francisco, Calif.

Order No. P-148-139T

August 13, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

30 Tender Sets Quenched and Tempered Wrot Steel Wheels in accordance with A.A.R. Tentative Specification for Heat Treated Multiple wear wrought carbon steel wheels Class "C" Circular DV-959, for application to 20 tenders, Class 235-R-1.

Each tender requires twelve 36" Dia. wheels per Drg. CL-17122-A.
Wheels to be furnished rough bored only.

PRICE: To be \$573.89 per Tender Set F.O.B. Delivered
Shipment from Burnham, Pa.

BID: SPL 235-139T TERMS: 1/2% 10 Da.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

Two copies of Mill Test Report to be sent to Mr. Gec. McCormick, Attn. Mr. D. Wood, 65 Market Street, San Francisco, Calif., one copy to be sent to Equipment Company's Chief Inspector at Locomotive Builder's plant and one copy to be attached to your invoice.

DELIVERY: Material on this order is required at Builder's Plant by Nov. 1st.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-139T Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Tender Set 11,280#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

J. H. WILLIAMS COMPANY
75 Spring Street,
New York, N. Y.

Order No. P-148-140

August 15, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car
which will contain this shipment.**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this
order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making
application for instructions about routing materials covered by this order.**20 Locomotive Sets of Drop Forged Steel Wrenches in accordance with
Drawing BL-18306-A. Each locomotive Class G.S.-4 requires one complete
set of wrenches.****PRICE:** To be \$23.27 per Locomotive Set F.O.B. Delivered
Shipment from Buffalo, N. Y.**BID:** SPL 235-140 **TERMS:** 2% 10 Prox.**TAXES:** Material covered by this order is to be used in the fabrication in
transit at Lima, Ohio, or equipment sold in Interstate Commerce, therefore
no State Sales or Use Taxes are applicable.**INSPECTION:** All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the locomotive Builder's
Plant.**DELIVERY:** Material on this order is required at Builder's Plant in
accordance with the following delivery schedule:

4 Sets Dec. 15th

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be
marked: "S.P.E.Co. Order No. P-148-140 Lima Locomotive Works Order No.
C.O. 1152".**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc. Attn.
Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping
notice to be sent to the undersigned at Room 952, 65 Market Street, San
Francisco, Calif. Shipping notices to show package marking, date of ship-
ment, point of origin, initials and car numbers, routing, and detail of
contents.**WEIGHT:** Estimated Shipping Weight Per Locomotive Set 45#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Southern Pacific Company
A. S. McKelligton
General Storekeeper
San Francisco, Calif.

Order No. P-148-140A

August 15, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets Packing Hook and Iron Wrench per drawing
AL- 18309. One required per Locomotive Class GS-4.PRICE: To be 24¢ per Locomotive Set F.O.B. Delivered
Shipment from Sacramento, CaliforniaBID: SPL 235-140A TERMS: Net CashTAXES: Material covered by this order is to be used in the fabrication
in transit at Lima, Ohio, of equipment sold in Interstate Commerce,
therefore no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's
Plant.DELIVERY: Material on this order is required at Builder's Plant in
accordance with the following delivery schedule:

4 sets Dec. 15th

4 sets per week thereafter

Note - Consolidate in shipment with Tire Clips on order P-148-142.

MARKING: For identification purposes all shipments on this order are to
be marked: "S.P.E.Co. Order No. P-148-140A Lima Locomotive Works Order
No. C.O. 1152".SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc.,
Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of
shipping notice to be sent to the undersigned at Room 952, 65 Market Street,
San Francisco, Calif. Shipping notices to show package marking, date of
shipment, point of origin, initials and car numbers, routing, and detail
of contents.WEIGHT: Estimated shipping weight per Locomotive Set 2-1/4#.(SGD) G. M. BETTERTON
Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O M P

Valve Pilot Corporation
c/o Nathan Melville
Kuss Bldg.
San Francisco, Calif.

Order No. P-148-1152

U.S.A. 10-11-1950

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, OhioShip by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car
which will contain this shipment.IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this
order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making
application for instructions about routing materials covered by this order.20 Locomotive Sets Valve Pilots, Model VP-120, (Speed and Cut Off Valve
for application to 20 locomotives of 4-8-4 Type, Class B.S.-4, 2600
Dia. engine truck wheels, 80" driving wheels and 45-1/2" trailing
truck wheels).Each locomotive requires one Valve Pilot complete, similar to the following
drawings (modified for VP-120 assembly):

Flexible Shaft and Connections	P.D. 11-16941
Instrument Assembly	D. 11-16941
Friction Drive Assembly	D. 11-16941
Cam Case Assembly	P.D. 11-16941
Adjustable Lever Post Assembly	D. 11-16941
Operating Rod and Turnbuckle Assembly	D. 11-16941

Three rolls of 1750 mile tape to be furnished with each valve pilot.

PRICE: To be \$1230.25 per Locomotive Set F.O.B. Albany, N.Y.

BID: SPL 235-141

TERMS: 1/2 10 Da.

TAXES: Material covered by this order is to be used in the fabrication and
transit at Lima, Ohio, of equipment sold in Interstate Commerce, and
no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order is subject to inspection by
Southern Pacific Equipment Company's Inspector at one Locomotive Works
Plant.DELIVERY: Material on this order is required at Builder's Plant in accordance
with the following delivery schedule:

4 Sets Dec. 2nd

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be
marked: "S.P.E.Co. Order No. P-148-1152 Lima Locomotive Works Dec. 2nd
C.C. 1152".

CONTINUED

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENTValve Pilot Corporation
c/o Latham McFullin
Russ Bldg.
San Francisco, Calif.

Order No. P-148-141 Pg 2

August 13, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Locomotive Set 550#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

**G. M. BETTERTON,
PURCHASING AGENT**

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Southern Pacific Company
c/o A. S. McKelligan
Southern Pacific Bldg.,
San Francisco, Calif.

Order No. P-148-142

August 13, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

8) Income tax for the month are Cr. 100 as per L.R. No. 10116-0, the application for the same was filed on 10.03.1998.

Each 1000 ml. of reagent is 30 ml. 10% type "A" and 20 ml. 10% type "B" of the reagent and 20 ml. 10% type "C" for Totaline and 10 ml. 10% type "D".

PRICE: To be \$7.35 per Locomotive Set F.O.B. Delivered
Shipment from Sacramento, Calif.

BID: SPL 235-142 TERMS: Net Cash

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Co's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Nov. 1st

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be marked "S.P.E.Co. Order No. P-148-142 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per locomotive Set 40#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Vapor Car Heating Co., Inc.,
% H. D. Donnell
Hobart Building,
San Francisco, Calif.

Order No. P-148-143

August 13, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.,
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Tender Sets Vapor Car Heating Co., Inc. Steam Heat Equipment, in accordance with Drawing BL-17657, for application to 20 tenders Class 235-R-1. Each tender requires one each of the following items.

1 - 2-1/2" Special Flange Ell (No. 266)

1 - No. 1165, 2-1/2" Metallic Steam Conduit with Nos. 1165-XX and 1165-TP Insulating Jackets and Improved No. 350 - 2-1/2" Coupler.

PRICE: To be \$69.66 per Tender Set F.O.B. Delivered
Shipment from Chicago, Ill.

BID: SPL 235-143 TERMS: 1% 10 da.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Nov. 1st

4 Sets per Week thereafter

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co.Order No. P-148-143 Lima Locomotive Works Order No.C.O.1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn: Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated shipping weight per Tender Set 120#.

(SCD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

"C O P Y"

The Pyle National Company
c/o H. G. Cook,
Hobart Building,
San Francisco, Calif.

Order No. P-148-145

August 13, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car
which will contain this shipment.IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this
order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making
application for instructions about routing materials covered by this order.30 Locomotive and Tender Headlight Cases, as per Drawing
CL-170, 1-1", for each locomotive to 20 Locomotives & 20 Tenders
and Tenders 1000-235-1. Each locomotive requires one
headlight case and each tender requires one headlight case.PRICE: To be \$118.40 per Locomotive & Tender Set F.O.B. Delivered.
Shipment from Chicago, Ill.TYD: SPL 235-145 TERMS: 1% 10 da.TAXES: Material covered by this order is to be used in the fabrication in
transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore
no State Sales or Use Taxes are applicable.INSPECTION: All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's
Plant.DELIVERY: Material on this order is required at Builder's Plant in
accordance with the following delivery schedule:

4 Sets Nov. 1st

4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be
marked: "S.P.E.Co. Order No. P-148-145 Lima Locomotive Works Order No. C.O. 1152"SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn.
Mr. T. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping
notice to be sent to the undersigned at Room 952, 65 Market Street, San
Francisco, Calif. Shipping notices to show package marking, date of ship-
ment, point of origin, initials and car numbers, routing, and detail of
contents.WEIGHT: Estimated shipping weight per Locomotive & Tender Set 115#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O D

Lynchburg, N.Y.

Order No. P-111

Lynchburg, N.Y.

Order No. P-111

Please supply the articles named below and send them to

Lynchburg, N.Y.
Order No. P-111

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets Leslie-Tyfon Air Whistles Type A-300, 2 1/2" S.D. 1000
 Drawing BL-17002, complete with Viloco Operating Valve shown
 on Viloco Drg. 977-A, Relay Valve, and Bell-CO operating
 for application to 20 locomotives Class GS-4.

PRICE: To be \$106.98 $\frac{1}{2}$ per Locomotive Set F.O.B. Delivered
 Shipment from Lynchburg, N.Y.

BID: SPL 230-146 TERMS: Net Cash

TAXES: Material covered by this order is to be used in or transited
 in transit at Lima, Ohio, of equipment sold to Interstate Commerce
 therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by
 Southern Pacific Equipment Company's Inspector at the Locomotive
 Plant.

DELIVERY: Material on this order is required at Builder's Plant in
 accordance with the following delivery schedule:

4 sets Dec. 20

4 sets per week thereafter

MARKING: For identification purposes, all shipments on this order are to
 be marked: "S.P.E.Co. Order No. P-111-116 1/2 Locomotive Whistles
 No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Ohio, to
 Mr. I. C. Brennunger, Purchasing Agent, Lima, Ohio. One copy of shipping
 notice to be sent to the undersigned at Room 952, 65 Market Street, San
 Francisco, Calif. Shipping notices to show package marking, date of shipment,
 point of origin, initials and car numbers, routing, and detail of
 contents.

WEIGHT: Estimated Shipping Weight per Locomotive Set 18.2 $\frac{1}{2}$.

(SGD) G. M. BETTERTON,

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Viloco Ry. Equipment Co., Inc.,
611 McCormick Bldg.,
332 So. Michigan Ave.,
Chicago, Ill.

Order No. P-148-146-B

August 13, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car
which will contain this shipment.**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this
order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making
application for instructions about routing materials covered by this order.20 Locomotive Sets Whistle Cab Valves, Pneumatic, (for steam whistle) per
Viloco Drawing 977-A, for application to 20 locomotives, Class GS-4.
Each locomotive requires one valve.**PRICE:** To be \$12.60 per Locomotive Set F.O.B. Delivered.
Shipment from Benton Harbor, Mich.**BID:** SPL 235-146-B **TERMS:** 1% 10 da.**TAXES:** Material covered by this order is to be used in the fabrication in
transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore
no State Sales or Use Taxes are applicable.**INSPECTION:** All material covered by this order subject to inspection by
Southern Pacific Equipment Company's Inspector at the Locomotive Builder's
Plant.**DELIVERY:** Material on this order is required at Builder's Plant in
accordance with the following delivery schedule:4 Sets Dec. 2nd
4 Sets per week thereafter**MARKING:** For identification purposes all shipments on this order are to be
marked: "S.P.E.Co. Order No. P-148-146-B Lima Locomotive Works Order No.
C.O. 1152".**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc., Attn.
Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping
notice to be sent to the undersigned at Room 952, 65 Market Street, San
Francisco, Calif. Shipping notices to show package marking, date of ship-
ment, point of origin, initials and car numbers, routing, and detail of
contents.**WEIGHT:** Estimated shipping weight per Locomotive Set 5#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

The Symington-Gould Corp.,
c/o H. G. Cook
Hobart Building
San Francisco, Calif.

Order No. P-148-147

August 13, 1940

Please supply the articles named below and send them to Lima Locomotive Works, Inc.,
Lima, Ohio.Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car
which will contain this shipment.**IMPORTANT:** Please give your principal and/or sub-contractor full information as to all terms and conditions of this
order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making
application for instructions about routing materials covered by this order.20 Locomotive and Tender Sets of Journal Box Lids for application to 20
locomotives, Class GS-4 and 20 Tenders, Class 235-R-1.

Each locomotive set to consist of the following:

2 - Trailing Truck Box Lids, complete (for 7"x14" front journals) per
Drg. CL-18226-B2 - Trailing Truck Box Lids, complete (for 9"x14" back journals) per
drg. CL-18226-B

Each Tender Set to consist of the following:

12 - Tender Truck Box Lids, complete (for 7"x14" journals) per drg.
DL-17907-A.**PRICE:** To be \$83.30 per Locomotive and Tender Set F.O.B. Delivered
Shipment from Rochester, N.Y.**BID:** SPL 235-147 **TERMS:** Net Cash**TAXES:** Material covered by this order is to be used in the fabrication in
transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore
no State Sales or Use Taxes are applicable.**INSPECTION:** All material covered by this order subject to inspection by
Southern Pacific Equipment Co's Inspector at the Locomotive Builder's Plant.**DELIVERY:** Material on this order is required at Builder's Plant in accordance
with the following delivery schedule:

4 Sets Nov. 1st - 4 Sets per week thereafter

MARKING: For identification purposes all shipments on this order are to be
marked "S.P.E.Co. Order No. P-148-147 Lima Locomotive Works Order No. C.0.1152".**SHIPPING NOTICES:** Send in triplicate to Lima Locomotive Works, Inc., Attn.
Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice
to be sent to the undersigned at Room 952, 65 Market Street, San Francisco,
Calif. Shipping notices to show package marking, date of shipment, point of
origin, initials and car numbers, routing, and detail of contents.**WEIGHT:** Estimated shipping weight per Locomotive & Tender Set 127#.

(SGD) G. M. BETTERTON

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

G. M. BETTERTON,
PURCHASING AGENT

C O P Y

Nathan Manufacturing Co.
c/o H. G. Cook
Hobart Bldg.
San Francisco, Calif.

Order No. P-148-149

August 13, 1940

Please supply the articles named below and send them to

Lima Locomotive Works, Inc.
Lima, Ohio

Ship by FAST FREIGHT PREPAID. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of Four-Way Oil Distributors, # 3515 for application to 20 Locomotives, Class GS-4. Each Locomotive will require six (6) Oil Distributors, as shown on drawing CL-18470- but with the following exceptions:

All oil outlets on Distributors to have adaptor, Part No. D-21185 instead of coupling nut Part No. 236 and tail piece Part No. 235. Inlets on five distributors per Locomotive Set to have adaptor, Part No. D-21185 instead of coupling nut, Part No. 236 and tail piece, Part No. 235. The sixth distributor in each set to have coupling nut No. 236 and hose nipple D-21416.

PRICE: To be \$195.00 per Locomotive Set F.O.B. Delivered
Shipment from New York, N.Y.

BID: SPL 235-149 TERMS: 2% 15 Da.

TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Dec. 2nd

4 Sets per week thereafter.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-149 Lima Locomotive Works Order No. C.O. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated Shipping Weight (SGD) G. M. BETTERTON
per Locomotive Set 96#.

Purchasing Agent.

SOUTHERN PACIFIC EQUIPMENT COMPANY

ROOM 952, 65 MARKET ST., SAN FRANCISCO, CALIFORNIA

**G. M. BETTERTON,
PURCHASING AGENT**

C O P Y

Vapor Gas Heating Co.,
c/o H. D. Donnell
593 Market St.,
San Francisco, Calif.

Order No. P-148-148

August 13, 1940

Please supply the articles named below and send them to **Lima Locomotive Works, Inc.**
Lima, Ohio

Ship by **FAST FREIGHT PREPAID**. Ship carload whenever possible, ordering from the carrier minimum size car which will contain this shipment.

IMPORTANT: Please give your principal and/or sub-contractor full information as to all terms and conditions of this order, including Southern Pacific Equipment Co. order number shown hereon, and practice to be followed in making application for instructions about routing materials covered by this order.

20 Locomotive Sets of No. 210 K-2 Stop Valves as illustrated on Drawing CL 16930 B. For application to 20 Locomotives Class GS-4. Each locomotive requires one Stop Valve. Each stop valve to be complete with 3" threaded male. inlet, No. 239-43H outlet tail piece for 2-3/4" O.D. copper tubing, manganese bronze bonnet ring No. 210-N, and stem suitable for A.A.R. universal joint.

PRICE: To be \$48.78 per Locomotive Set F.O.B. Delivered
Shipment from Chicago, Ill.

BID: SPL 235-148 TERMS: 1st 10 Da.
TAXES: Material covered by this order is to be used in the fabrication in transit at Lima, Ohio, of equipment sold in Interstate Commerce, therefore no State Sales or Use Taxes are applicable.

INSPECTION: All material covered by this order subject to inspection by Southern Pacific Equipment Company's Inspector at the Locomotive Builder's Plant.

DELIVERY: Material on this order is required at Builder's Plant in accordance with the following delivery schedule:

4 Sets Dec. 2nd

4 Sets per week thereafter.

MARKING: For identification purposes all shipments on this order are to be marked: "S.P.E.Co. Order No. P-148-148 Lima Locomotive Works Order No. C.Q. 1152".

SHIPPING NOTICES: Send in triplicate to Lima Locomotive Works, Inc., Attn. Mr. I. C. Brentlinger, Purchasing Agent, Lima, Ohio. One copy of shipping notice to be sent to the undersigned at Room 952, 65 Market Street, San Francisco, Calif. Shipping notices to show package marking, date of shipment, point of origin, initials and car numbers, routing, and detail of contents.

WEIGHT: Estimated Shipping Weight
per Locomotive Set 35#.

(SCD) G. M. BETTERTON

Purchasing Agent.